

## PLASMA ARC TORCH TRIGGER SYSTEM

### ABSTRACT OF THE DISCLOSURE

A trigger system for operating a plasma arc torch is provided that comprises a selector that operates between at least a first operating position and a second operating position, wherein the first operating position operates the plasma arc torch in a first mode to deliver gas to the plasma arc torch, and the second operating position operates the plasma arc torch in a second mode to deliver the gas and electric power to the plasma arc torch. Further, the selector comprises a neutral position that selects a neutral mode in which delivery of gas and electric power to the plasma arc torch is inhibited. The selector is preferably disposed within a housing of the plasma arc torch and is slidably operable between the first operating position, the second operating position, and the neutral position.